ABSTRACT OF BILL -1st and Final Bill

Name Of Work : Providing and laying HDPE Water line in Ganesha Temple Block-2 in J P Park Ward No-17.

Sl. No	Description of Item	Unit	As per Schedule B			Previous Measurements			Present Measurements			Total upto date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per	Cum	2287.35	244.50	559257.08	-	-	-	881.96	244.50	215638.00	881.96	215638.00
2	KSRB13-9.3 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9	Rmt	2208.00	536.00	1183488.00	-	-	-	2003.85	536.00	1074063.60	2003.85	1074063.60
3	KSRB13-10.3 : Providing and fixing to wall, ceiling and floor HDPE pipes 10.00 kgf/sq.cm working pressure 25mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	Cum	2910.00	114.00	331740.00	-	-	-	2838.50	114.00	323589.00	2838.50	323589.00
4	KSRB13-3.2 : Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 20mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	Rmt	465.60	211.00	98241.60	-	-	-	-	211.00	-	-	-
5	Providing and fixing 25mm dia nipple,complete as per specification.	Cum	388.00	34.00	13192.00	-	-	-	366.00	34.00	12444.00	366.00	12444.00
6	Providing and fixing reducer elbow 25mm to 20mm complete as per specification.	No	776.00	44.00	34144.00	-	-	-	732.00	44.00	32208.00	732.00	32208.00

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
7	Providing and fixing 20mm dia nipple,complete as per specification.	No	388.00	22.96	8908.48	-	-	-	366.00	22.96	8403.36	366.00	8403.36
8	Providing and fixing HDPE 90X32m Saddle with brass nuts and bolts including cost of all materials, labour charges,HOM of equipments and testing excluding cost of fittings,comple as per specification	No	776.00	375.00	291000.00	-	-	-	732.00	375.00	274500.00	732.00	274500.00
9	Providing and fixing 20mm dia union,complete as per specification.	No	388.00	58.00	22504.00	-	-	-	366.00	58.00	21228.00	366.00	21228.00
10	Providing and fixing 20mm dia union,complete as per specification.	No	776.00	28.00	21728.00	-	-	-	732.00	28.00	20496.00	732.00	20496.00
11	Providing and fixing reducer 20mm elbow complete as per specification.	No	776.00	19.00	14744.00	-	-	-	732.00	19.00	13908.00	732.00	13908.00
12	Providing and fixing reducer 20mm to 15mm reducer elbow, complete as per specification.	No	776.00	24.00	18624.00	-	-	-	732.00	24.00	17568.00	732.00	17568.00
13	Providing and fixing 20mm NP bib cock complete as per specifications.	No	388.00	202.00	78376.00	-	-	-	366.00	202.00	73932.00	366.00	73932.00
14	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	3593.00	65.00	233545.00	-	-	-	512.97	65.00	33343.25	512.97	33343.25
15	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in subbase/ base course on well prepared surface and compacting with vibrator roller to achieve the desired density complete as per specification.	Cum	493.31	1200.00	591972.00	-	-	-	464.96	1200.00	557955.00	464.96	557955.00
16	KSRRB M500-6. Providing and applying Primer Coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Sp	Sqm	1973.25	47.00	92742.75	-	-	-	1549.88	47.00	72844.13	1549.88	72844.13

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
17	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH /Chapter 5	Cum	98.66	7205.00	710845.30	-	-	-	77.49	7205.00	558342.47	77.49	558342.47
18	KSRRB 500-7. Providing and applying Tack Coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specification	Sqm	1973.25	19.00	37491.75	-	-	-	1549.88	19.00	29447.63	1549.88	29447.63
19	KSRRB M500-18. Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification	Cum	49.33	10451.00	515547.83	-	-	-	38.75	10451.00	404943.59	38.75	404943.59

Sl. No	Description of Item	Unit	As per Schedule B			Previous Measurements			Present Measurements			Total upto date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
20	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	31.41	4812.00	151144.92	-	-	-	-	4812.00	-	-	-
21	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	47.12	5696.00	268395.52	-	-	-	-	5696.00	-	-	-
22	Conveying the excavated earth silt debri\s and over burden earth etc., to a lead of upto 9 to 10km distance by using private vehicle this includes the cost of loading and unloading charges etc complete.	Cum	670.50	101.00	67720.50	-	-	-	368.98	101.00	37267.18	368.98	37267.18
	Grand Total				**₹ 53,45,352.73**						**₹ 37,82,121.00**		**₹ 37,82,121.00**
Total Amount Claimed in this bill is Rupees Thirty Seven Lakhs Eighty Two Thousand One Hundred Twenty One Only.													

Asst. Executive Engineer
Yeshwanthpura Sub-Division
Bruhat Bangalore Mahanagara Palike

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